| L | | Hits | Search Text | I/B | Time stamp |
|----------------|--|-------|--|------------|-----------------------------|
| Number 1 | ٠ | 795 | thisphene or \$7disulfide or deha or dmds or dms or dimethyldisulfide or diethyldisulfide or diethyldisulfide or | . USPAT | : 2002/12/16 16:33 |
| 2 | I | 2 | diethylsulfide) near26 coke (\$12hydrazine or \$12hydroxylamine) near26 coke | USPAT | 2002+12/16 16:34 |
| 3 | | 517 | (hydroxylamine) near26 (fouling or foulant or coking or darkon) | USPAT | 16:17 |
| . 4 | | 1174 | | USPAT | 2062/12/16 16:29 |
| . 5 | | | (shis or \$6mercaptan or sulfide or thiophene or \$7disulfide or deha or dmds or dms or dimethyldisulfide or diethyldisulfide or diethyldisulfide or diethylsulfide) near26 coke) and (chydroxylamine) near26 (fouling or foulant or coking or darbon)) and 208/44\$.cols. | USPAT | 2002:12/16 16:29 |
| . 6 | i | | | USPAT | 2002/12/16 16:29 |
| 7 | ************************************** | 10 | (chydroxylamine) near26 (fouling or foulant or coking or carbon)) and 10874-\$.pols. | USPAT | 2002/12/16 16:20 |
| ⁱ 8 | 1 | | | USPAT | , 2002/12/16 , 16:30 |
| 9 | | | (this or \$6mercaptan or sulfide or thiophene or \$7disulfide or deha or dmds or dms or dimethyldisulfide or diethyldisulfide or dimethylsulfide or diethylsulfide) near26 coke) near20 ((hydroxylamine) near26 (fouling or | USPAT | , 2002/12/16 116:31 : |
| 10 | | | foulant or coking or carbon)) (this or \$6mercaptan or sulfide or thiophene or \$7disulfide or deha or dmds or dms or dimethyldisulfide or diethyldisulfide or dimethylsulfide or diethylsulfide) near26 coke) and (t\$12hydrazine or \$12hydroxylamine) near26 coke) | USPAT ! | 2002:12,16 :18:31 |
| 11 | | 731 | 208748r.ccls. | USPAT ! | 2002.12/16 116:32 |
| 12 | | 435 | -203 4yaa.cols. i | USPAT | 2002 12/16 16:31 |
| 13 | i | 1020 | 20874Mr.scls. or 208749aa.ccls. | USPAT | 2002/12/16 16:32 |
| 14 | | | (this or \$6mercaptan or sulfide or thiophene or \$7disulfide or deha or dmds or dms or dimethyldisulfide or deha or dmds diethyldisulfide or diethylsulfide or diethylsulfide) near26 coke) and (208/48r.cols.) | USPAT | 2002/12/16 18:30 |
| 15 | Ť | 519 | ((\$12hydrazine or \$12hydroxylamine) near26 coke(or ((hydroxylamine) near26 (fouling or foulant or coking or carbon)) | USPAT | 2002/12/16 10:32 |
| 16 | | 10 | | USPAT | 2002/12/16 16:32 |
| 17 | . = | 24078 | coke or coking | USPAT | 2002/12/16 16:33 |

| 18 | 45 | (7) (h2s or \$6mercaptan or sulfide or thicphene or \$7disulfide or deha or dmds | USPAT | 2002/12/16 |
|-----|--------|---|--------|---------------|
| | 1 | or dims or dimethyldisulfide or diethyldisulfide or dimethylsulfide or | | |
| | Ŧ | diethylsulfide) near26 coke) and | 1 | İ |
| | | (10%/48r.ccls. or 208/43aa.ccls.) or | 1 | I r |
| | | ((209/48r.ccls. or 208/48aa.ccls.) and | Ÿ | T. |
| | | (((\$12hydrazine or \$12hydroxylamine) | : | İ |
| | | near26 coke) or ((hydroxylamine) near26 (fouling or foulant or coking or | 1 | 1 |
| | i | . carbon)))) | ï | * |
| 19 | 35 | (coke or coking) and (cohes or | USPAT | 2002/12/16 |
| | | \$\$mercaptan or sulfide or thiophene or | I | 16:33 |
| | 1 | \$7disulfide or deha or dmds or dms or | 1 | |
| | į | dimethyldisulfide or diethyldisulfide or dimethylsulfide or diethylsulfide) near26 | : | ‡ |
| | + | coke) and (208/48r.ccls. or | | |
| | | 208/48aa.ccls.)) or ((208/48r.ccls. or | 1 | |
| | | 208/49aa.ccls.) and (((\$12hydrazine or | | 1 |
| | | 312hydroxylamine) near2f coke) or | | |
| | | ((hydrexylamine) near26 (fouling or foulant or coking or carbon)))) | | |
| 20 | 167019 | (h2s or \$6mercaptan or sulfide or | USPAT | 2002/12/16 |
| | | thiophene or \$7disulfide or deha or dmds | 001111 | 16:55 |
| | | or dms or dimethyldisulfide or | | |
| | ÷ | diethyldisulfide or dimethylsulfide or | 1 | |
| 21 | 212 | diethylsulfide) (208/48aa.ccls.) and | USPAT | 2002/12/16 |
| | 1 212 | ((his or \$6mercaptan or sulfide or | USPAT | 2002/12/16 |
| | I | thiophene or \$7disulfide or deha or dmds | t | 10.51 |
| | | or dms or dimethyldisulfide or | | , |
| | | diethyldisulfide or dimethylsulfide or | i T | |
| 22 | 48992 | diethylsulfide) | USPAT | 2002/12/16 |
| | | deha) | USPAI | 16:36 |
| 23 | 55 | (208/48r.ccls. or 208/48aa.ccls.) and | USPAT | 2002/12/16 |
| | | ((\$12hydrazine or \$12hydroxylamine or | ! | 16:36 |
| : 4 | 34 | deha) | USPAT | 2002/12/16 |
| | | ((h2s or \$5mercaptan or sulfide or | OSPAI | 16:37 |
| | į. | thiophene or \$7disulfide or deha or dmds | İ | 10.3 |
| | | or dms or dimethyldisulfide or | | |
| | | diethyldisulfide or dimethylsulfide or | | |
| | | diethylsulfide))) and ((208/48r.ccls. or 208/48aa.ccls.) and ((\$12hydrazine or | İ | i i |
| | | \$12hydroxylamine or deha))) | | |
| 25 | 11 | (coke or coking) and (({208/48r.ccls. or | USPAT | 2002/12/16 |
| | | 208/48aa.ccls.) and (th2s or \$6mercaptan | | 16:38 |
| | | or sulfide or thiophene or \$7disulfide or | 1 | 1 |
| | | deha or dmds or dms or dimethyldisulfide or diethyldisulfide or dimethylsulfide or | | İ |
| | | diethylaufide))) and ((208/48r.ccls. or | | |
| | | 208/48aa.ccls.) and ((\$12hydrazine or | | |
| | | \$12hydroxylamine or dehal))) | | ļ |
| 6 | 11 | ((h2s or \$6mercaptan or sulfide or | USPAT | 2002/12/16 |
| | I P | thiophene or \$7disulfide or deha or dmds or dms or dimethyldisulfide or | | 16:39 |
| | | diethyldisulfide or dimethylsulfide or | | <u>i</u> į |
| | | diethylsulfide)) and ((coke or coking) | | i |
| | | and (((208/48r.ccls. or 208/48aa.ccls.) | | |
| | į | and ((h2s or \$6mercaptan or sulfide or | | |
| | ! | throphene or \$7disulfide or deha or dmds or dms or dimethyldisulfide or | ! | |
| | î I | diethyldisulfide or dimethylsulfide or | İ | |
| | | diethylsulfide))) and ((203/48r.ccls. or | | |
| | | 208/48aa.ccls.) and ((\$12hydrazine or | - İ | 1 |
| 7 | 166000 | \$12hydroxylamine or deha) (1)) | ! | |
| , | 166920 | this or \$6mercaptan or sulfide or | USPAT | 2002/12/16 |
| İ | | thiophene or \$7disulfide or dmds or dms or dimethyldisulfide or diethyldisulfide | | 16:45 |
| | | or dimethylsulfide or diethylsulfide) | | |

| 28 | | 9 | (()(h2s or \$6mercaptan or sulfide or thiophene or \$7disulfide or deha or dmds | USPAT | 2002/12/16 16:53 | |
|----|---|----------|---|-------|-------------------------|--|
| | | | or dms or dimethyldisulfide or diethyldisulfide or dimethylsulfide or diethylsulfide)) and ((coke or coking) | | | |
| | | | and $6.(208/48r.cols. or 268/48aa.cols.)$ | | | |
| | | 1 | and (th2s or \$6mercaptan or sulfide or thiophene or \$7disulfide or deha or dmds | | | |
| | | | or dms or dimethyldisulfide or | | | |
| | 1 | | diethyldisulfide or dimethylsulfide or diethylsulfide) E) and ((208/48r.tcls. or | : | * | |
| | | | 208.48aa.ccls.) and ((\$12hydrazine or | | | |
| İ | 1 | : | <pre>(\$12hydroxylamine or deha) ()))) and ((h2s) or \$6mercaptan or sulfide or thiophene or</pre> | | i . | |
| | ı | | \$7disulfide or dmis or dms or | | | |
| i | İ | i | dimethyldisulfide or diethyldisulfide or diethylsulfide or diethylsulfide) | | i i | |
| 29 | | 6. | 208/49r.dols. and (((h2s or \$6mercaptan | USPAT | 2002/12/16 | |
| | İ | ! | for sulfide or throphene or \$7disulfide or deha or dmds or dms or dimethyldisulfide | İ | 116:54 | |
| | | | or diethyldisulfide or dimethylsulfide or | | | |
| 1 | 1 | i | <pre>(diethylsulfide) : and ((coke or coking) and (:(208/49r.cols. or 208/49aa.cols.)</pre> | ! | | |
| | | | and (th2s or \$6mercaptan or sulfide or | | | |
| 1 | | i | thiophene or \$7disulfide or deha or dmds or dms or dms or dimethyldisulfide or | | • | |
| ! | | | diethyldisulfide or dimethylsulfide or | | | |
| 1 | | | diethylsulfide) () and ((208/48r.ccls.or 209,48aa.ccls.) and ((\$12hydrazine or | ļ | | |
| 1 | | Ĭ | \$12hydroxylamine or deha)))++) | i | | |
| 30 | | 111 | 208/48r.ccls. and ((h2s or \$6mercaptan or sulfide or thiophene or \$7disulfide or | USPAT | 12002/12/16 16:54 | |
| 1 | | - | dmds or dms or dimethyldisulfide or | 1 | 20.00 | |
| 1 | | : | diethyldisulfide or dimethylsulfide or diethylsulfide) - | | | |
| 31 | | 7062 | (coke or coking) and (h2s or \$6mercaptan) | USPAT | × 2002/12/16 | |
| | | | or sulfide or throphene or \$7disulfide or deha or dmds or dms or dimethyldisulfide | İ | 16:55 | |
| į | | 1 | or diethyldisulfide or dimethylsulfide or | | | |
| 32 | | 85 | diethylsulfide) : -(208/48r.ccls. and ((h2s or \$6mercaptan =) | USPAT | 2002/12/16 | |
| | 1 | | or sulfide or thisphene or \$7disulfide or | | 17:02 | |
| | | | dmds or dms or dimethyldisulfide or diethyldisulfide or dimethylsulfide or | | | |
| Ī | | | diethylsulfide) :) and ((coke or coking) and ((h2s or \$6mercaptan or sulfide or | | 1 | |
| | | | thiophene or \$7disulfide or deha or dmds | | | |
| | 1 | : | or dms or dimethyldisulfide or | | ÷ | |
| 1 | | | <pre>diethyldisulfide or dimethylsulfide or diethylsulfide))</pre> | | | |
| 33 | Ï | 7 . | 208/48r.ccls. and (coke or coking) and ((\$12hydrazine or \$12hydroxylamine or | USPAT | : 2002/12/16 : 17:02 | |
| | | (a) (pe) | deha)) | | | |